

Alcohol-Related Crashes

Alcohol-related crashes are more apt to occur—and **more likely to be reported**—in fatal crashes than in nonfatal crashes. In Iowa, drivers who are involved in fatal crashes are not required by law to submit to an alcohol test; therefore, Iowa alcohol-related crash statistics should not be compared to states where an alcohol test is mandatory. Testing for alcohol is based on *probable cause* as determined by the investigating officer. More than one driver may be tested for alcohol use in any particular crash. Care should be used in comparing the yearly percentages of alcohol-related fatal crashes due to fluctuations in the number of reports received.

An alcohol-related crash is where one or more drivers/pedestrians have a blood alcohol content (BAC) of .01% or higher. Therefore, a driver or pedestrian with a BAC between .000% and .009% is counted as *not drinking*, a driver or pedestrian with a BAC between .01% and .09% is counted as *drinking, not impaired*, and a driver or pedestrian with a BAC .1% and higher is counted as *drinking, impaired*.

Alcohol-Related Fatalities, Injuries & Crashes

Type	Fatalities	Injuries	Crashes			
			Fatal	Injury	Property	Total
Number						
Alcohol	112	2,385	100	1,561	1,206	2,867
Non-Alcohol	333	33,646	294	22,202	38,998	61,494
Total	445	36,031	394	23,763	40,204	64,361
Percent						
Alcohol	25.17%	6.62%	25.38%	6.57%	3.00%	4.45%
Non-Alcohol	74.83%	93.38%	74.62%	93.43%	97.00%	95.55%

Fatalities/Injuries by Age Group

Age Group	Fatalities		Injuries	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	2	1.79%	115	4.82%
15	1	0.89%	25	1.05%
16	2	1.79%	56	2.35%
17	7	6.25%	91	3.82%
18	5	4.46%	108	4.53%
19	3	2.68%	116	4.86%
20	3	2.68%	120	5.03%
Total*	23	20.54%	631	26.46%
All Ages				
14 & Under	2	1.79%	115	4.82%
15 to 24	40	35.71%	916	38.41%
25 to 34	27	24.11%	471	19.75%
35 to 44	19	16.96%	411	17.23%
45 to 54	14	12.50%	239	10.02%
55 to 64	4	3.57%	85	3.56%
65 to 74	3	2.68%	46	1.93%
75 & Over	3	2.68%	22	0.92%
Unknown	0	0.00%	80	3.35%
Total	112	100.00%	2,385	100.00%

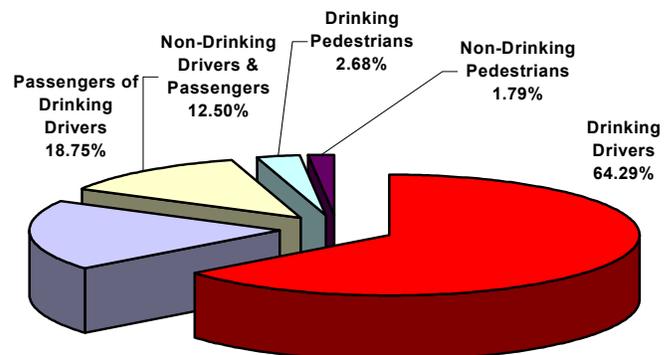
Under age 21 percentages are based on total for all ages.

Fatalities & Severity of Injuries

Severity	Number	Percent
Fatal	112	4.49%
Major (Incapacitating)	484	19.38%
Minor (Bruises & Abrasions)	1,092	43.73%
Possible (Complaint of Pain)	780	31.24%
Unknown	29	1.16%
Total Killed & Injured	2,497	100.00%

Who Was Killed

Who Was Killed	Fatalities	
	Number	Percent
Drinking Drivers	72	64.29%
Passengers of Drinking Drivers	21	18.75%
Non-Drinking Drivers & Passengers	14	12.50%
Drinking Pedestrians	3	2.68%
Non-Drinking Pedestrians	2	1.79%
Total	112	100.00%



Fatalities/Injuries by Gender

Gender	Fatalities		Injuries	
	Number	Percent	Number	Percent
Female	23	20.54%	808	33.88%
Male	89	79.46%	1,577	66.12%
Unknown	0	0.00%	0	0.00%
Total	112	100.00%	2,385	100.00%

Alcohol-Related Crashes

Who Was Drinking

Who Was Drinking	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Driver	97	97.00%	1,530	98.01%
Pedestrian	3	3.00%	27	1.73%
Driver & Pedestrian	0	0.00%	4	0.26%
Total	100	100.00%	1,561	100.00%

BAC of Drinking Drivers

BAC (Blood Alcohol Content)	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
.019 & Lower	3	2.97%	59	3.80%
.020 to .039	5	4.95%	37	2.38%
.040 to .079	9	8.91%	82	5.28%
.080 to .099	5	4.95%	60	3.86%
.100 & Higher	77	76.24%	523	33.68%
Unknown	2	1.98%	792	51.00%
Total	101	100.00%	1,553	100.00%

Unknown is listed as alcohol-related on crash report, but BAC is listed as unknown or is blank.

Age of Drinking Drivers

Age Group	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	1	0.06%
15	1	0.99%	2	0.13%
16	1	0.99%	26	1.67%
17	3	2.97%	43	2.77%
18	4	3.96%	63	4.06%
19	3	2.97%	73	4.70%
20	5	4.95%	74	4.76%
Total*	17	16.83%	282	18.16%
All Ages				
14 & Under	0	0.00%	1	0.06%
15 to 24	35	34.65%	564	36.32%
25 to 34	24	23.76%	377	24.28%
35 to 44	21	20.79%	350	22.54%
45 to 54	14	13.86%	169	10.88%
55 to 64	2	1.98%	51	3.28%
65 to 74	3	2.97%	22	1.42%
75 & Over	1	0.99%	11	0.71%
Unknown	1	0.99%	8	0.52%
Total	101	100.00%	1,553	100.00%

Under age 21 percentages are based on total for all ages.

Gender of Drinking Drivers

Gender	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Female	13	12.87%	295	19.00%
Male	87	86.14%	1,255	80.81%
Unknown	1	0.99%	3	0.19%
Total	101	100.00%	1,553	100.00%

Physical Condition of All Drivers

Physical Condition	All Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Apparently Normal	365	57.12%	36,605	86.54%
Physical Defect	0	0.00%	94	0.22%
Fatigue	3	0.47%	212	0.50%
Apparently Asleep	1	0.16%	249	0.59%
Illness	0	0.00%	72	0.17%
Under Medication	1	0.16%	51	0.12%
Infirmities of Age	8	1.25%	200	0.47%
Drinking-Not Impaired	21	3.29%	428	1.01%
Drinking-Impaired	80	12.52%	1,125	2.66%
Drugs	1	0.16%	101	0.24%
Other	6	0.94%	226	0.53%
Unknown	153	23.94%	2,936	6.94%
Total	639	100.00%	42,299	100.00%

Drinking Driver's Contributing Circumstance

Drinking Driver's Contributing Circumstances	Circumstances			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
None Apparent	40	17.02%	897	24.70%
Ran Traffic Signal	0	0.00%	76	2.09%
Ran Stop Sign	6	2.55%	81	2.23%
Passed Stopped School Bus	0	0.00%	1	0.03%
Improper Passing	2	0.85%	12	0.33%
Left of Center, Not Passing	6	2.55%	75	2.06%
FTYROW at Intersection	0	0.00%	20	0.55%
FTYROW from Stop Sign	8	3.40%	47	1.29%
FTYROW from Yield Sign	0	0.00%	12	0.33%
FTYROW Making Left Turn	1	0.43%	56	1.54%
FTYROW from Driveway	0	0.00%	11	0.30%
FTYROW from Parked	0	0.00%	1	0.03%
FTYROW to Pedestrian	0	0.00%	6	0.17%
FTYROW Other	0	0.00%	4	0.11%
Wrong Way/One-Way	6	2.55%	10	0.28%
Too Fast for Conditions	19	8.09%	173	4.76%
Exceeding Speed Limit	13	5.53%	144	3.96%
Drag Racing	0	0.00%	5	0.14%
Improper Turn	3	1.28%	11	0.30%
Improper Lane Change	2	0.85%	11	0.30%
Following Too Close	1	0.43%	52	1.43%
No/Improper Signal	0	0.00%	6	0.17%
Disregarded Railroad Signal	0	0.00%	6	0.17%
Disregarded Warning Signal	0	0.00%	5	0.14%
Reckless Driving	2	0.85%	115	3.17%
Improper Backing	0	0.00%	6	0.17%
Illegal/Improper Parking	0	0.00%	7	0.19%
Failure to Control Vehicle	79	33.62%	1,111	30.59%
Headlights Not On	0	0.00%	9	0.25%
Inattentive/Distracted	1	0.43%	140	3.85%
Confused	5	2.13%	31	0.85%
Vision Obscured	3	1.28%	8	0.22%
Oversized/Loaded Vehicle	0	0.00%	4	0.11%
Inexperienced Driver	0	0.00%	21	0.58%
Other	10	4.26%	274	7.54%
Unknown	28	11.91%	184	5.07%
Total	235	100.00%	3,632	100.00%

Up to two circumstances may be listed for each drinking driver involved in a crash.

Alcohol-Related Crashes

Drinking Driver's Vehicle Action

Drinking Driver's Vehicle Action	Drinking Driver			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Going Straight	87	86.14%	1,254	80.75%
Turning Left	3	2.97%	120	7.73%
Turning Right	0	0.00%	44	2.83%
Making U-Turn	1	0.99%	2	0.13%
Passing	2	1.98%	22	1.42%
Changing Lanes	2	1.98%	9	0.58%
Merging	0	0.00%	3	0.19%
Parking	0	0.00%	1	0.06%
Slowing/Stopping	0	0.00%	15	0.97%
Backing	1	0.99%	13	0.84%
Stopped for Sign/Signal	1	0.99%	3	0.19%
Stopped in Traffic	1	0.99%	5	0.32%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	0	0.00%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	2	1.98%	44	2.83%
Unknown	1	0.99%	18	1.16%
Total	101	100.00%	1,553	100.00%

Type of Crash

Type of Crash	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Overtuned	19	19.00%	178	11.40%
Jackknifed	0	0.00%	2	0.13%
Fire/Explosion	2	2.00%	1	0.06%
Immersion	0	0.00%	1	0.06%
Pedestrian	5	5.00%	46	2.95%
Other Vehicle	32	32.00%	548	35.11%
Motorcycle	0	0.00%	7	0.45%
Parked Vehicle	0	0.00%	93	5.96%
Train	1	1.00%	7	0.45%
Pedacycle	0	0.00%	9	0.58%
Animal	0	0.00%	9	0.58%
Fixed Object	35	35.00%	520	33.31%
Other Object	0	0.00%	22	1.41%
Other/Unknown	6	6.00%	118	7.56%
Total	100	100.00%	1,561	100.00%

Drinking Driver's Road Surface Condition

Drinking Driver's Road Surface Conditions	Surface Conditions			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Dry	115	77.70%	1,486	68.86%
Wet	11	7.43%	224	10.38%
Ice	6	4.05%	92	4.26%
Snow	3	2.03%	128	5.93%
Gravel	7	4.73%	135	6.26%
Mud	0	0.00%	5	0.23%
Debris	0	0.00%	3	0.14%
Other	1	0.68%	7	0.32%
Unknown	5	3.38%	78	3.61%
Total	148	100.00%	2,158	100.00%

Up to two surface conditions may be listed for each drinking driver.

Drinking Driver's Traffic controls

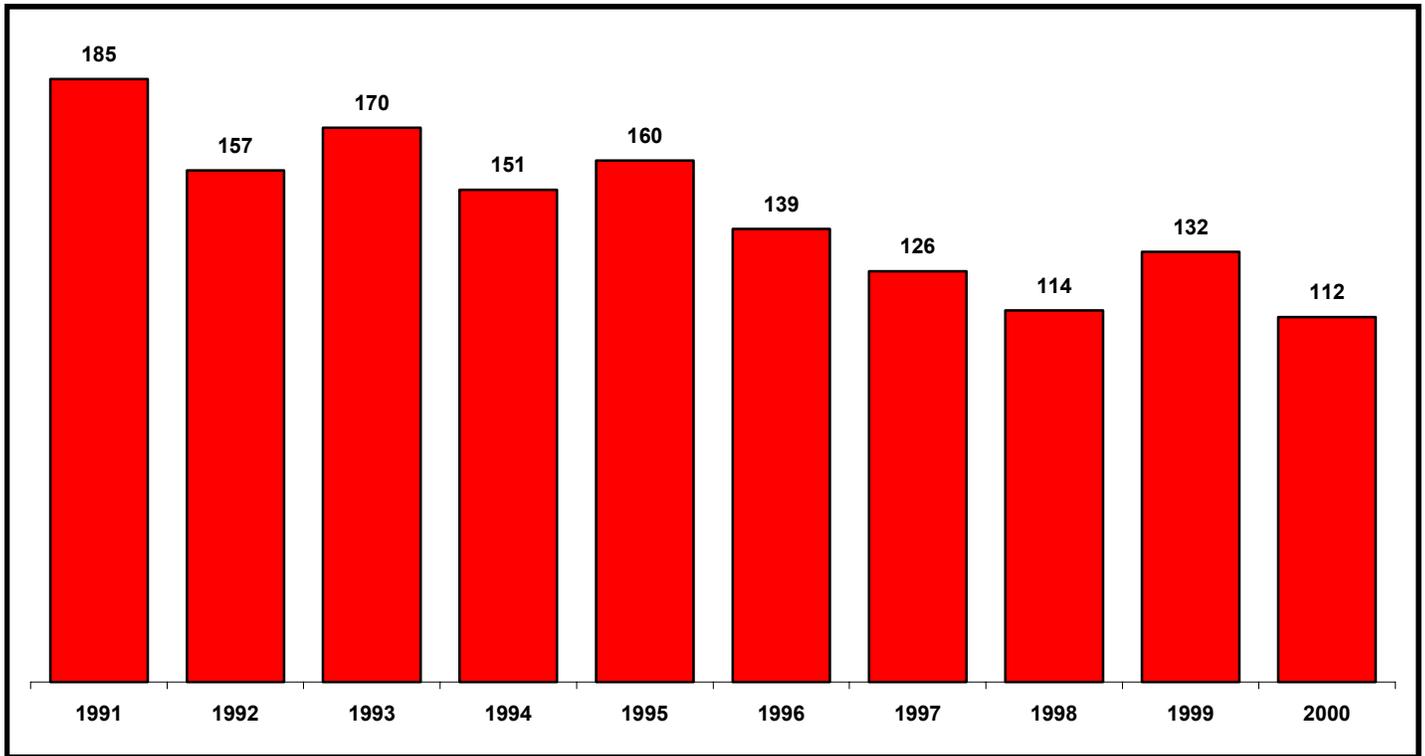
Drinking Driver's Traffic Control	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
No Controls	79	78.22%	1,088	70.06%
Signals	1	0.99%	201	12.94%
Stop Signs	11	10.89%	133	8.56%
Yield Signs	0	0.00%	10	0.64%
Warning Signs	2	1.98%	62	3.99%
School Signals	0	0.00%	0	0.00%
No Passing Zones	5	4.95%	23	1.48%
School Stop Signs	0	0.00%	1	0.06%
School Bus Stop Arms	0	0.00%	0	0.00%
Railroad Signs	1	0.99%	6	0.39%
Railroad Signals	0	0.00%	1	0.06%
Railroad Crossing Gates	0	0.00%	1	0.06%
Peace Officer	0	0.00%	3	0.19%
Non-Functioning Signals	0	0.00%	0	0.00%
Other	1	0.99%	18	1.16%
Unknown	1	0.99%	6	0.39%
Total	101	100.00%	1,553	100.00%

Light Conditions

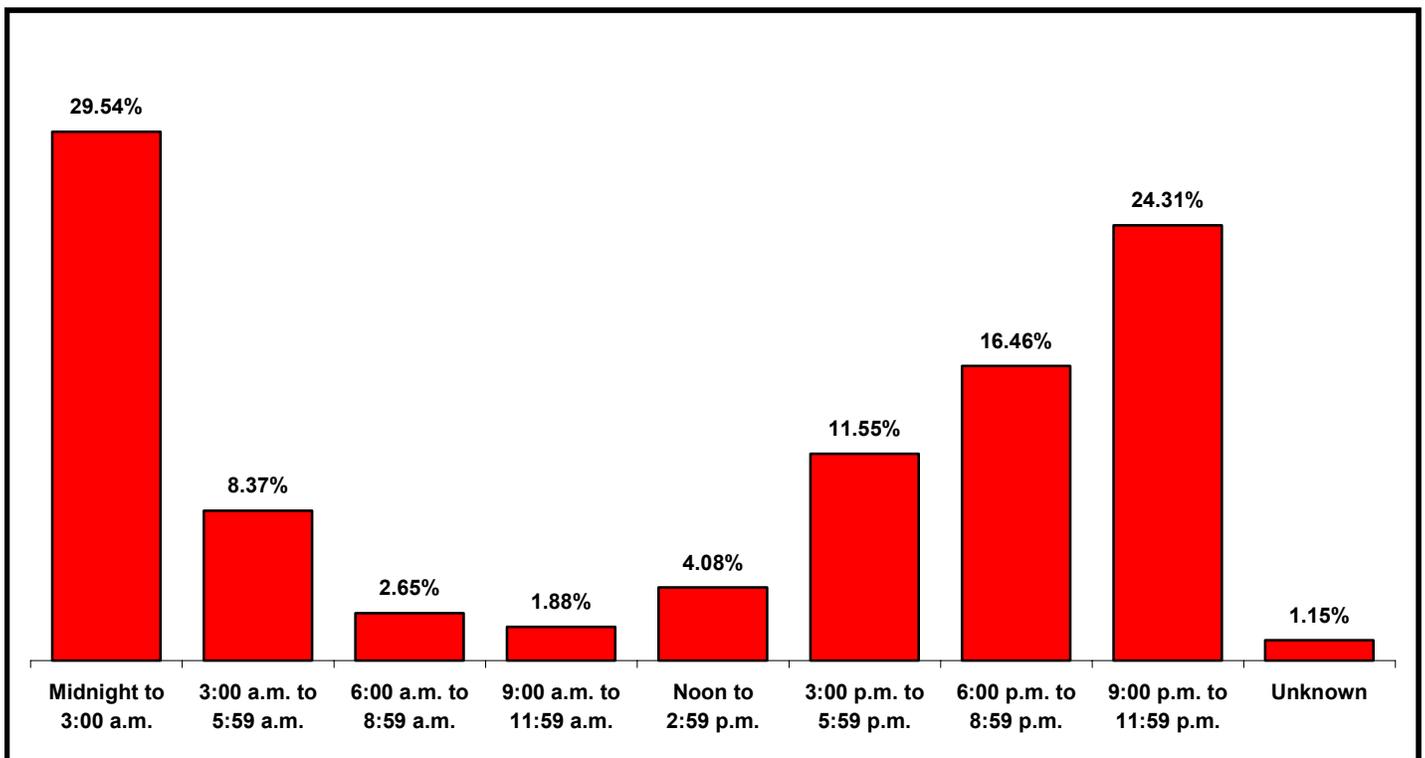
Light Conditions	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Daylight	21	21.00%	392	25.11%
Dusk	1	1.00%	51	3.27%
Dawn	0	0.00%	18	1.15%
Darkness, Lighted	11	11.00%	527	33.76%
Darkness, Not Lighted	64	64.00%	570	36.52%
Unknown	3	3.00%	3	0.19%
Total	100	100.00%	1,561	100.00%

Alcohol-Related Crashes

Alcohol-Related Fatalities over a 10-Year Period

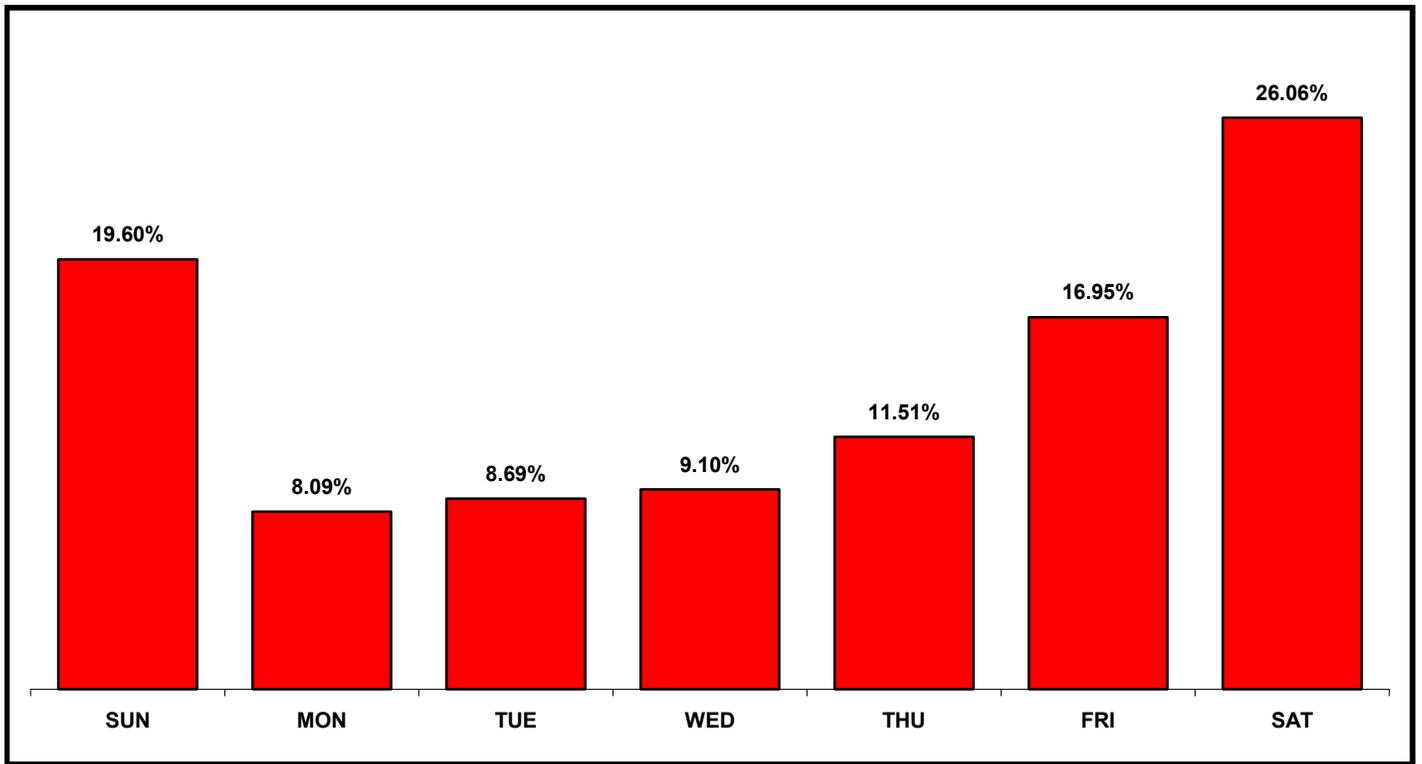


Alcohol-Related Crashes by Time of Day



Alcohol-Related Crashes

Alcohol-Related Crashes by Day of Week



Alcohol-Related Crashes by Month

